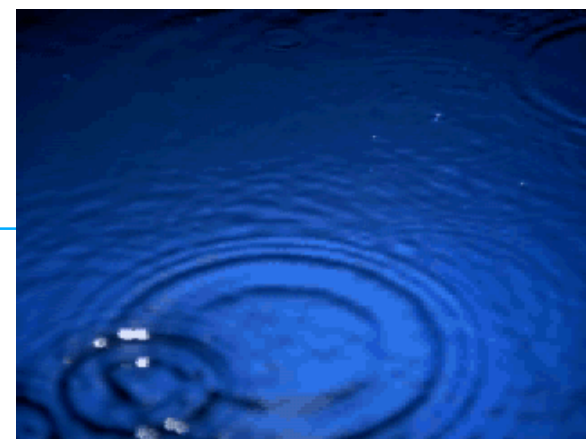


Global Precipitation Measurement

System Definition Review Risk Assessment

December 6-8, 2005

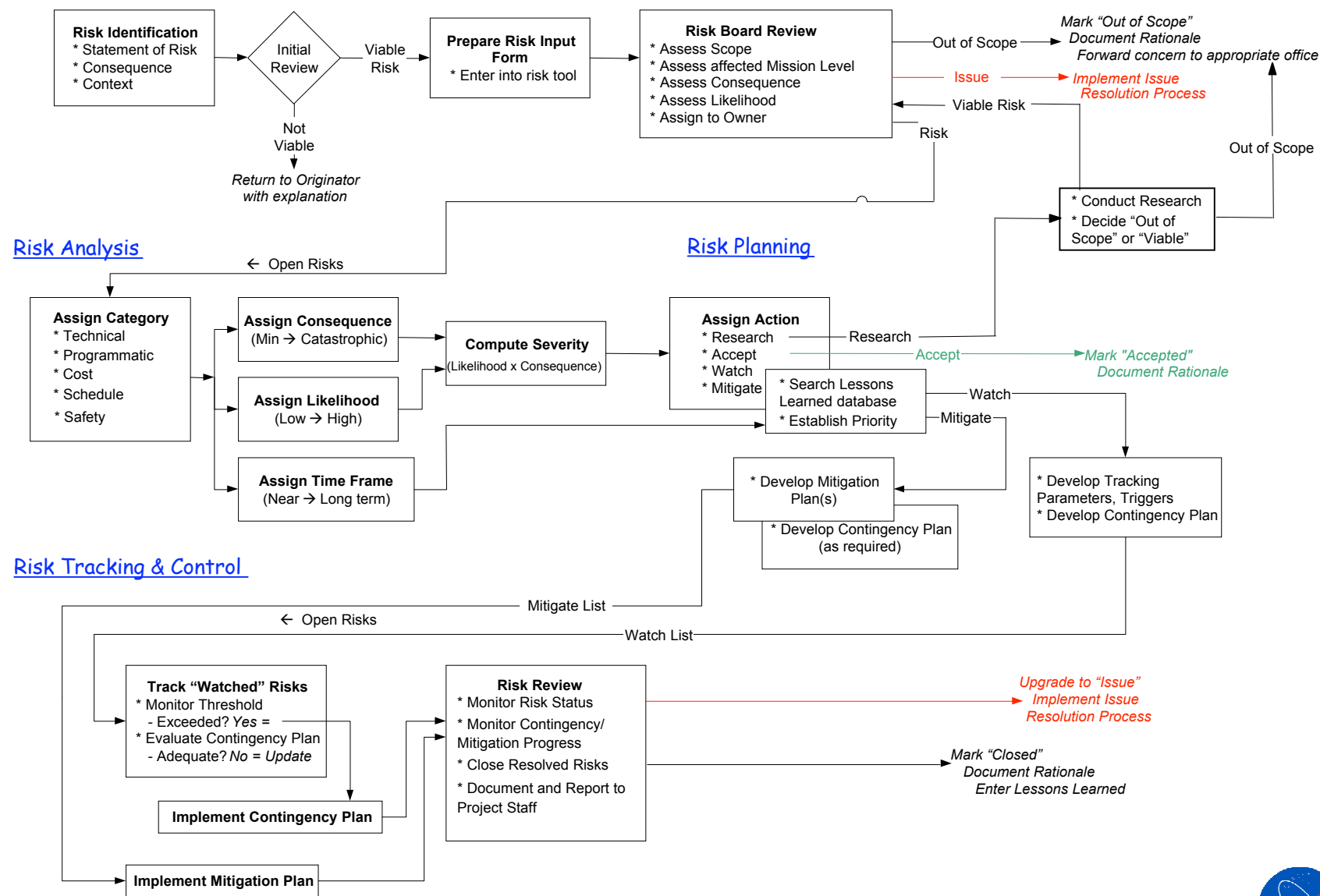


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Risk Identification & Characterization

Risk Disposition



Severity Rating	Number of Mission-Level Risks	Number of Element-Level Risks
High	2	0
Medium	7	21
Low	0	6

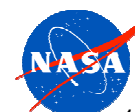


Mission Risks (9 total)

		Impact				
		1	2	3	4	5
Probability	5					1
	4				1	
	3		1	2		
	2			1		1
	1				1	1

Element Risks (27 total)

		Impact				
		1	2	3	4	5
Probability	5					
	4		1			
	3	1	5	2	4	
	2		1	2	2	2
	1		3	2	2	



- ***GPM has several unique risks because of the novel implementation approach for the Core spacecraft development***
- ***The international scope of the GPM mission also carries with it risks unique to GPM***
- ***However, the project has been working on the mission for over 4 years and appreciates the challenges presented by these unique aspects and has adequately captured and is managing those risks as well as the typical risks associated with developing space flight hardware***
- ***For these reasons the project self-assessment for the GPM mission is***
 - *Low-Med for technical/schedule risk*
 - *Medium for Cost risk based on current fiscal environment and GPM's history*



Day 2 - December 7, 2005

Location: NASA GSFC B16W-N76/80

Time	Section	Event	Presenter
8:30 AM	12	Core Spacecraft Management	Horowitz
9:30 AM	13	Primary Spacecraft Systems Engineering	O'Neill
11:00 AM		Break	
11:15 AM	14	Mission Operations System Concept/Requirements	Rykowski
12:15 PM		Lunch	
1:15 PM	15	Precipitation Processing System Concept/Requirements	Stocker
2:15 PM	16	Ground Validation	Schwaller
3:15 PM		Break	
3:30 PM	17	Risk Assessment	Durning
3:45 PM	18	Review Wrap Up	Durning/Ho
4:00 PM		Review Team Caucus	
4:15 PM		End of Day 2	

